

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lee *et al.*  
Application Serial No.: 09/718,963  
Filed: 11/21/00  
For: Charge Pump Having Reduced Switching Noise

Assistant Commissioner for Patents  
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above-identified:

application,  
 patent

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked and

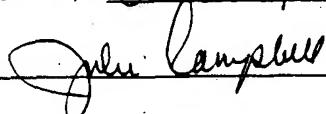
**NEW POWER OF ATTORNEY**

the following attorneys are hereby appointed to prosecute and transact all business in the Patent and Trademark Office therewith:

From THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.: George M. Thomas, Reg. No. 22,260; James W. Kayden, Reg. No. 31,532; Scott A. Horstemeyer, Reg. No. 34,183; Stephen R. Risley, Reg. No. 35,659; Jeffrey R. Kuester, Reg. No. 34,367; Daniel J. Santos, Reg. No. 40,158; Michael J. Tempel, Reg. No. 41,344; Daniel R. McClure, Reg. No. 38,962; Robert E. Stachler II, Reg. No. 36,934; David P. Kelley, Reg. No. 17,420; Reg. No. 41,344; David R. Risley, Reg. No. 39,345; Jon E. Holland, Reg. No. 41,077; Dan R. Gresham, Reg. No 41,805; J. Scott Culpepper, Reg. No. 41,692; M. Paul Qualey, Reg. No. 43,024; Robert P. Biddle, Reg. No. 35,826; Robert A. Blaha, Reg. No. 43,502; Jennifer M. Gruber, Reg. No. 42,601; Raymond W. Armentrout, Reg. No. 45,866; Cynthia J. Lee, Reg. No. 46,033; N. Andrew Crain, Reg. No. 45,442; Monica A. Winghart, Reg. No. 46,790; Sami O. Malas, Reg. No. 44,893; Marianne H. Parker, Reg. No. 46,165; Eric M. Ringer, Reg. No. 47,028; Larry E. Thompson, Reg. No. 41,346; Adam E. Crall, Reg. No. 46,646; William F. Heinze, Reg. No. 36,161.

From CONEXANT SYSTEMS, INC.: Daniel N. Yannuzzi, Reg. No. 36,727; Joseph H. Lee, Reg. No. 37,664; Semion Talpalatsky, Reg. No. 35,380; Stephen Warhola, Reg. No. 43,237

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on October 29, 2001.

  
\_\_\_\_\_  
Julie Campbell

Direct correspondence and telephone calls to:

Scott A. Horstemeyer  
**THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.**  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339  
770-933-9500

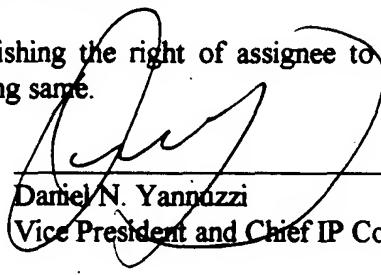
**ASSIGNEE OF ENTIRE INTEREST**

**CONEXANT SYSTEMS, INC.**  
4311 Jamboree Road  
Dept. 927, MS E10 005  
Newport Beach, CA 92660-3095

**ASSIGNEE CERTIFICATION**

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.

Date: 10/23/01

  
\_\_\_\_\_  
Daniel N. Yannuzzi  
Vice President and Chief IP Counsel

Docket No.: 50324-1320  
(Conexant No. 00CXT0521)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Lee *et al.*  
Application Serial No.: 09/718,963  
Filed: 11/21/00  
For : Charge Pump Having Reduced Switching Noise

Assistant Commissioner for Patents  
Washington, D.C. 20231

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

**IDENTIFICATION OF ASSIGNEE**

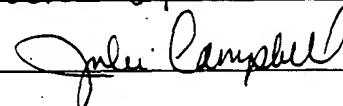
2. The assignee of this matter is:

**CONEXANT SYSTEMS, INC.**  
4311 Jamboree Road, E10-005  
Newport Beach, CA 92660

**PERSON AUTHORIZED TO SIGN**

3. Scott A. Horstemeyer  
Attorney for Assignee

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on October 29, 2001



4. A chain of title from the inventor(s) to the current assignee is shown below:

a. From: Chang-Hyeon Lee and Akbar Ali  
To: Conexant Systems, Inc.  
Recorded at PTO: Reel: 011690 Frame: 0547

## DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

application  
 patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

Reg. No. 34,183

Tel. No. 770-933-9500  
Customer No.: 24504

Docket No. 50324-1320



Scott A. Horstemeyer

THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled A Charge Pump Having Reduced Switching Noise, the specification of which:

is attached hereto.

was filed on November 21, 2000 as Application Serial No. 09/718,963.

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	<u>Priority Claimed</u>			
<input type="checkbox"/> (Number) _____	<input type="checkbox"/> (Country) _____	<input type="checkbox"/> (Day/Month/Year Filed) _____	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>
---------------------------------	----------------------

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status-patented, pending, abandoned)</u>
---------------------------------	----------------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

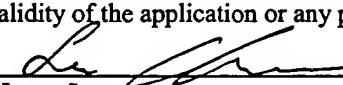
Inventor's Signature

Full name of sole or first inventor

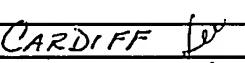
Residence

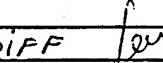
Citizenship

Post Office Address

  
Chang-Hyeon Lee  
595 Cardiff, Irvine, California 92606-0881  
U.S.  
595 Cardiff, Irvine, California 92606-0881

Date: 4/21/01

  
CARDIFF

  
CARDIFF

BRINKS HOFER GILSON & LIONE  
P.O. Box 10395  
Chicago, IL 60610  
(312) 321-4200

Inventor's Signature

Akbar Ali

Date:

4/2/01

Full name of second joint inventor, if any

Akbar Ali

Residence

9802 Eleventh Street, Garden Grove, California 92844

Citizenship

U.S.

Post Office Address

9802 Eleventh Street, Garden Grove, California 92844

rev. Dec.-99

F:\COMMON\WJK\10508 Conext\10508-10 Charge Pump with reduced switching noise\10508-10 Declaration (Chang-Hyeon Lee & Akbar Ali).doc

Inventor(s): Chang-Hyeon Lee and Akbar Ali  
Title: A Charge Pump Having Reduced Switching Noise

**POWER OF ATTORNEY**

The specification of the above-identified patent application:

is attached hereto  
 was filed on November 21, 2000 as application Serial No. 09/718,963

I hereby revoke all previously granted powers of attorney in the above-identified patent application and appoint the following attorneys to prosecute said patent application and to transact all business in the Patent and Trademark Office connected therewith:

**Brinks Hofer Gilson & Lione**

Gustavo Siller, Jr., Reg. No. 32,305  
Darin E. Bartholomew, Reg. No. 36,444  
Meredith Martin Addy, Reg. No. 37,883  
Craig A. Summerfield, Reg. No. 37,947  
Zachary Hamilton, Reg. No. 39,212  
Richard K. Clark, Reg. No. 40,560  
Matthew J. Kelly, Reg. No. 42,716  
David W. Okey, Reg. No. 42,959  
James A. Collins, Reg. No. 43,557  
Vincent J. Gnoffo, Reg. No. 44,714  
Sanders N. Hillis, Reg. No. 45,712  
David Rozenblat, Reg. No. 47,044

**Conexant Systems, Inc.**

Daniel N. Yannuzzi, Reg. No. 36,727  
James K. Dawson, Reg. No. 41,701  
Kelly H. Hale, Reg. No. 36,542  
Robert P. Hart, Reg. No. 35,184  
Keith Kind, Reg. No. 42,735  
Joseph Lee, Registration No. 37,664  
Semyon Talpalatsky, Reg. No. 35,380  
Stephen Warhola, Reg. No. 43,237

Please address all correspondence and telephone calls to Matthew Kelly in care of:

**Brinks Hofer Gilson & Lione**  
P.O. Box 10395  
Chicago, IL 60610  
(312) 321-4200

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from Keith Kind or Meredith Martin Addy as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

Conexant Systems, Inc., a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

An assignment from the inventor(s) of the patent application identified above, a copy of which is attached hereto.  
OR  
 An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel       , frame       .  
OR  
 A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From        To:  
The document was recorded in the Patent and Trademark Office at Reel       , frame       , or a copy thereof is attached.
2. From        To:  
The document was recorded in the Patent and Trademark Office at Reel       , frame       , or a copy thereof is attached.

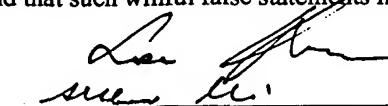
Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned has reviewed the assignment or all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature



Date:

4/02/01

Name:

CHANG-HYEON LEE, AKBAR ALI

Title:

DESIGN ENGINEER, ENGINEERING DIRECTOR